

# New York State Department of Transportation

## Yellow Flag NB2258W001

By: Alex Abreu

Flag Date: June 09, 2022

Superseding Information:

No Flags Superseded

### Structure Information

**BIN: 1065318**

**Feature Carried: 278I278IX2M23027**

**Feature Crossed: 6TH AVENUE**

**Orientation: 8 - NORTHWEST**

**Region: 11 - NEW YORK CITY**

**County: KINGS**

**Political Unit: City of NEW YORK**

**Approximate Year Built: 1962**

**Posted Load Matches Inventory : Yes**

**Bridge Load Posting (Tons) : Not Posted for Load**

**Primary Owner: New York State Department of Transportation**

**Primary Maintenance Responsibility: 12 - State - Subcontracted to another Party**

**Typical or Main Span Type: 3 - Steel, 02 - Stringer/Multi-Beam or Girder**

**This Bridge is not a Ramp**

**Number of Spans: 322**

### Verbal Notification Information

**Person Notified: Heinz Joachim, P.E.**

**Date: June 09, 2022 10:00:00 AM**

**Of: NYSDOT Region 11**

### Signature Information

**Signature: Alex Abreu, P.E. 099761-1**

**Date: July 11, 2022**

**Reviewed By: Robert Kemp**

**Date: July 11, 2022**

**Attachments: 5**

**Flagged Elements**

Parent Element	Element	Total Quantity	Unit
<b>Span Number : 136</b>			
	113 - Steel Stringer	104	ft
	PR831 - Steel Beam End	34	each

**Flagged Condition Description**

This Yellow Flag No. NB2258W001 is NEW.

Location: Span 136, Stringer S2 at Pier 136 over 3rd Avenue Eastbound.

Description: The end of Stringer S2 on Span 136 side of Pier 136 exhibits a full height thru crack along the fillet of the left connection angle at the face of the stringer (Photo 4). The right connection angle at the stringer is in good condition. The stringer web has previously installed steel reinforcement plates which exhibit no significant defects. (Photo 5) The bearing plates below the stringer exhibit no significant defects. Refer to Yellow Flag Condition sketch (Photo 2) for more details.

This is a new flag.

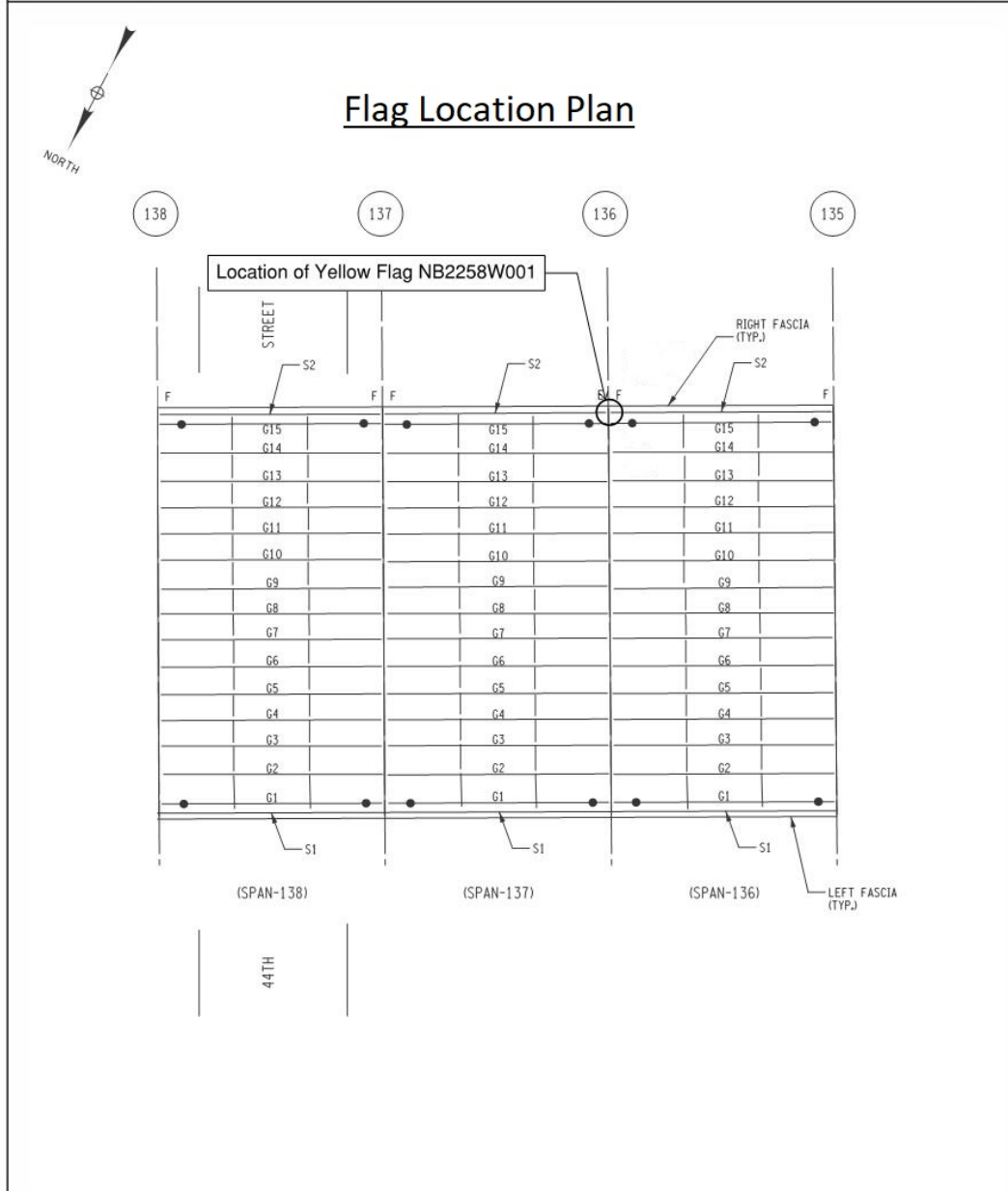
Notes:

1. Stringer S2 receives no direct live loading, but supports the barrier /railing above on I278.
2. The adjacent Girder S15 has a previous web repair and is in good condition.
3. A double left lane closure at 3rd Avenue In-Bound (Hugh Carey Tunnel) between 44th and 45th Streets, and a 35' bucket truck are required to access this location.

## Flag Photographs

Photo Number: **1**Photo Filename: **22\_Flag Location Plan.jpg**

Gowanus Expressway  
2022 Biennial Inspection - Field Sketch

BIN: 1065318Team: AA/TSDate: 06/09/2022Span: 136Location: Stringer S2 at Pier 136

**Attachment Description: Flag Location Plan**

Photo Number: 2

Photo Filename: 22\_Span 136\_Pier 136\_Stringer S2\_Connection

Gowanus Expressway  
2022 Biennial Inspection - Field Sketch

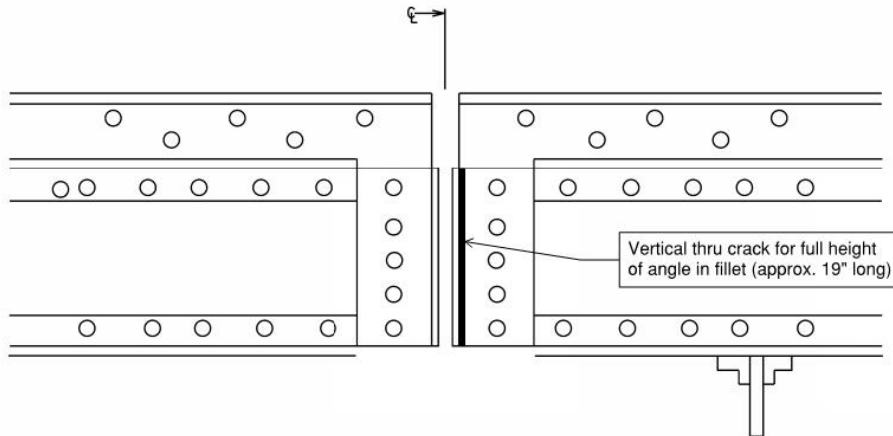
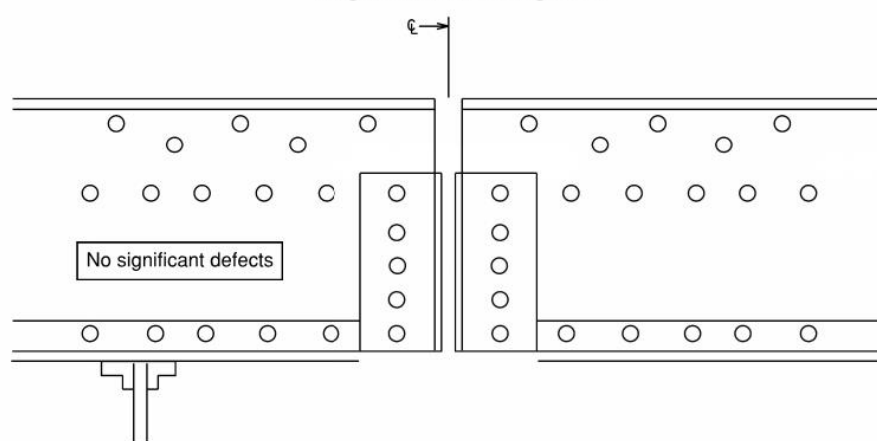
BIN: 1065318

Team: AA/TS

Date: 06/09/2022

Span: 136

Location: Stringer S2 at Pier 136

**Left Face of Stringer S2****Right Face of Stringer S2**

Notes:  
-Steel reinforcement plates and angles previously installed at stringer web not shown for clarity purposes.

SCALE: N.T.S

SPAN 136

@ PIER 136

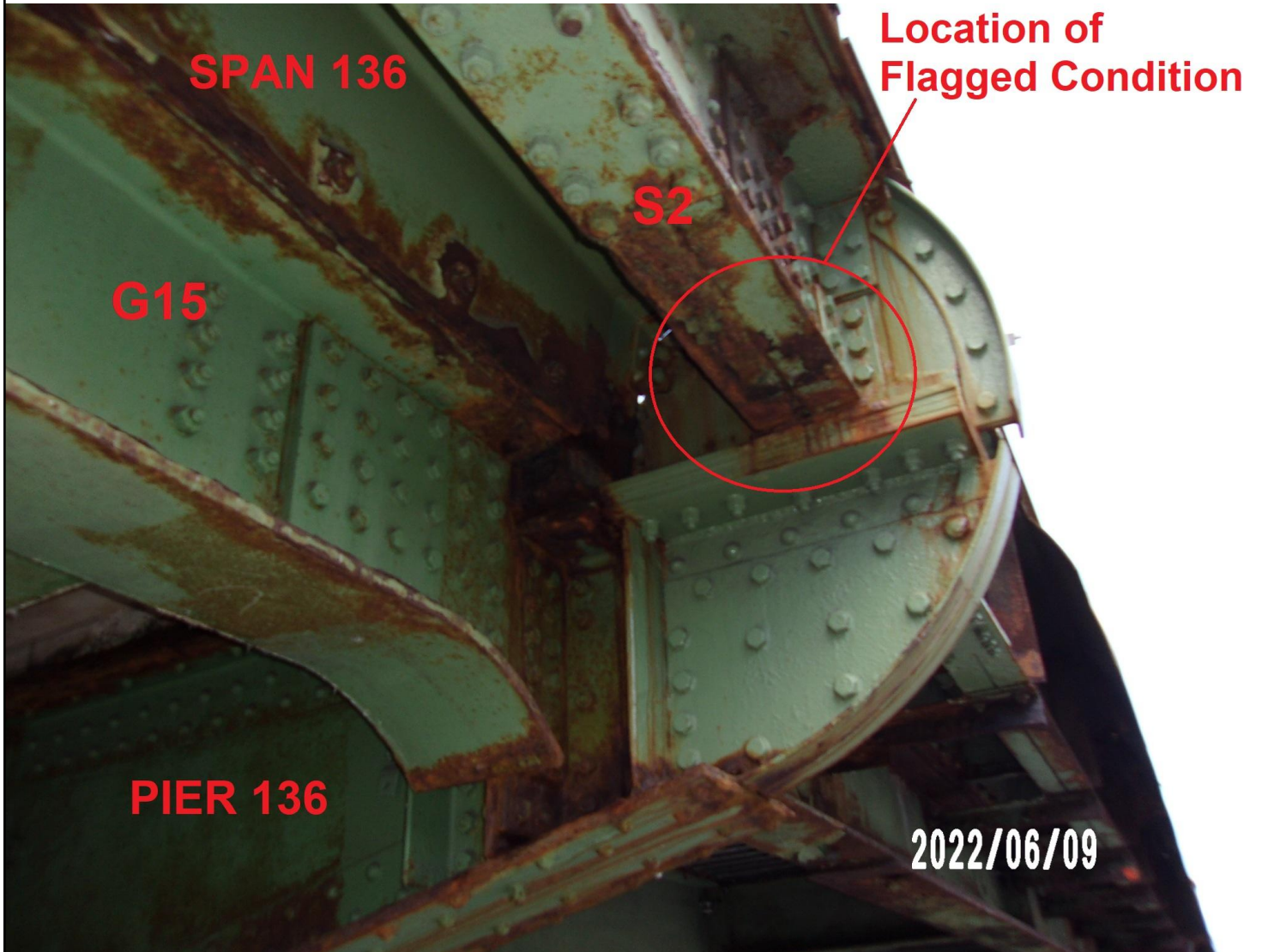
S 2

wsp

**Attachment Description: Yellow Flag Condition Sketch**

Photo Number: 3

Photo Filename: 22\_113\_0174.JPG



**Attachment Description:** General view of Stringer S2 in Span 136 at Pier 136. Looking End and Left.



Photo Number: 4

Photo Filename: 22\_113\_0172.JPG



**Attachment Description:** The left face of Stringer S2 in Span 136 at Pier 136. The connection angle at the face of the stringer exhibits full height vertical crack along the angle fillet. Looking End and Right.



Photo Number: 5

Photo Filename: 22\_113\_0168.JPG



**Attachment Description:** The right face of Stringer S2 in Span 136 at Pier 136. General view of the steel reinforcement plates and angles and right connection angle at the stringer. Looking End and Left.